

January 27, 2009

Mr. Butch Smith, General Manager
Cleveland County Sanitary District
P.O. Box 788
Lawndale, NC 28090

Dear Mr. Smith,

The U.S. Nuclear Regulatory Commission is currently reviewing the Combined License Application submitted by Duke Energy to construct a nuclear power plant on the Broad River near Gaffney, South Carolina. As part of the review process our staff is required to make determinations about the safety of the proposed nuclear power plant. In order to help us with our review process we would like to have information about the proposed Cleveland County Sanitary District Reservoir (CCSDR). Our primary interest is in making sure that in the event of failure of this proposed dam the flood generated will not pose a safety hazard to the proposed nuclear power plant. Therefore we request your reply to the following questions at your earliest convenience.

1. What is the time frame for the proposed construction of the CCSDR dam?
2. What structural design will the proposed dam have (compacted earth-fill, concrete gravity, arch, etc.)?
3. Will the dam have spillway capacity to safely pass the probable maximum flood?, and if not, will the dam be protected during overtopping?
4. What are the proposed dimensions and approximate coordinates of the proposed dam?
5. What are the proposed storage capacity, normal pool elevation, dam crest elevation, spillway elevation, number and dimensions of spillway gates, and number and discharge capacity of any sluices or lower level discharges?
6. Any available details of the operating policy of the proposed facility will also be appreciated.

If you have questions please contact Dr. Nebiyu Tiruneh (301-415-2080) or myself at 301-415-7190. Thank you very much.

Sincerely,

/RA/

Richard Raione, PG, CPG, CGWP, Chief
Hydrologic Engineering Branch
Division of Site and Environmental Reviews
Office of New Reactors

cc. Brian Hughes
Nebiyu Tiruneh

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Richard Raione, PG, CPG, CGWP, Chief
Hydrologic Engineering Branch
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cc. Brian Hughes
Nebiyu Tiruneh

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DATE	01/26/09	01/27/09

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